

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Hidetoshi NAKATA, et al.**

Serial Number: **Not Yet Assigned**

Filed: **October 6, 2003**

For: **LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY ELEMENT**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 6, 2003

Sir:

In compliance with 37 CFR 1.56, Applicants call to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references, except for the U.S. patent references, are enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; References (7)

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 031740	Serial No. New Application
	Applicant(s): Hidetoshi NAKATA, et al.	
	Filing Date: October 6, 2003	Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
—	AA	4,264,148	A. Göbl-Wunsch et al.	04/28/81		
—	AB	5,858,271	Y. Sekiguchi et al.	01/12/99		
—	AC					

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
—	AD	63-51359	Japan	Yes-Abstract/Discussed in the specification
—	AE	6-265899	Japan	Yes-Abstract/Discussed in the specification
—	AF	55-38869	Japan	No/Discussed in the specification/Corresponds to USP 4264148.
—	AG	7-258641	Japan	Yes-Abstract/Discussed in the specification
—	AH	WO97/29167	WO	Yes-Abstract/Discussed in the specification/Corresponds to USP 5858271.
—	AI	11-323338	Japan	Yes-Abstract/Discussed in the specification
—	AJ	11-305187	Japan	Yes-Abstract/Discussed in the specification

OTHER DOCUMENTS

Examiner	AJ	
	AK	
		Date Considered